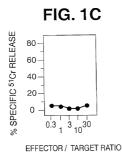
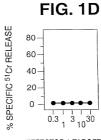


EFFECTOR / TARGET RATIO





EFFECTOR / TARGET RATIO

FIG. 2

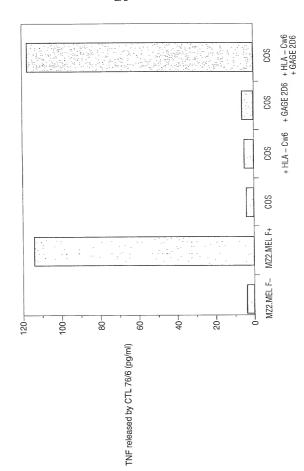
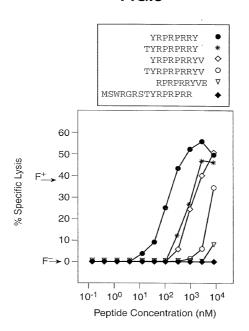


FIG.3



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GCAACTCAACGTCAGGATCCTGCAGCTGCT

GCAACTCAACGTCAGGATCCTGCAGCTGCT GCAACTCAACGTCAGGATCCTGCAGCTGCT GCAACTCAACGTCAGGATCCTGCAGCTGCT

a

GAGE-5	AGATTCA AGATTCA CTCATAT AGATTCA AGATTCA	TCCGGACTCTTTTCCTCTACTGA TCCGGACTCTTTTTCCTCTGCCAAC TCCGGACTCTTTTTCTTGCCAAC TCCGGACTCTTTTTCCTTGTACTGA	CTGTGAGGCAGTGCTGTGTGGGTTCCTGCCG CTGTGAGGCAGTGCTTGTGTGAGGCCAAT CTGTGAGGCAGTGCTGTGTGTGTTCTGCCCGCCGCCGCCGCCGCCAGTGCTTGTGTGTTGTTCTGCCCGCCC	CTCA
	WORLINGS.		CTGTGTGAGGCAGTGCTGTGTGGTTGCTGCTGCTGCTGCTGCTGCTGCTGCT	
	"CHE"CK	KOHO KHOHO CHEMENDO KOOOO H	してしてもして出るではできるようにしているなってできるとして	545554JJJ
	中でしていまし		AAGATCGACCTATTATTGGTCTTACGCCCAAT	CTCATATTTCACACAGATGAGTTGGCGAGG
CTCATATTICACACAGATGAGTIGGCGAGG AAGATCGACCTATTATTGGTCTAGGCCAAT AATAGGTCGATGTTCCTGCCCAACTCATAT 	AGATTCA	TCCGGACTCTTTTTCCTGTACTGZ	CTGTGAGGCAGTGCTGTGTGGTTCCTGCCG	ACGCCAGGAG
	AGATTCA	TCCGGACTCTTTTTCCTCTACTGA	CTGCCG	

VDF 44

‡ UO>	GAGE-1 TCTGTGTGAAATÆTGAGTTGGGGAGGAAGA TCGACGTATTGGCCTAGAACAAGAGGC TAGATAGAGCCTCCTGAAAAFTGATTGAATTGAGCCTT	GAGE-2 TCTGTGTGAAATÆTGAGTTGGGGAGGAAGA TCGACGTATGGGCCTAGACCAAGAGG TAGGTAGAGCCTCCTGAAAATGATTGGGCCT	GAGE-3 TTCACACAGATGAATCTCAGTAGAGAAAA TCGACQTATTATTGGCCTAGACCAAGGGC TATGTAGAGCCTCTCTGAAGTCATTAGACCTT	GAGE-4 TCTGTGTGAAATATGAGTTGGGGAGGAAAA TCGACCTATTATTGGCCTAGACCAAAGGC TAHGTAGAGCCTCCTGAAAAAAAAAAAAAAAAAAAAAAAA	GAGE-5 TCTGTGTGAAATĄTGAGTTGGGGAGGAAGA TCGACGTATTATTGGCCTAGACCAAGGCGC TATGTAGAGCCTCCTGAAGTGATTGGGCCT	GAGE-6 TCTGTGTGAAATATQAGTTGGGGAGGAAGA TCGACGTATTATTGGCCTAGACCAAGGCGC TAHGTAGAGCTCCTGAAGTGATTGGGCCT	
	1 TCTGTGTGAAATATGAGTTGGCGAGGAAGA TCGAC	2 TCTGTGTGAATATGAGTTGGCGAGGAAGA TCGAC	3 TTCACACACÁTĠAĀTCTCAGTAGAGGAAAA TCGAC	4 reterergaantargagtreedeaggaagda regac	5 TCTGTGTGAATATGAGTTGGCGAGGAAGA TCGAC	 f TCTGTGTGAATATGAGTTGGCGAGGAAGA TCGAC 	
	GAGE-	GAGE-	GAGE-	GAGE-	GAGE-	GAGE-	

VDE 43

SAGE-1 3AGE-2 3AGE-5 BAGE-6 GAGE-4 GAGE-

ATGCGGCCCGAGCAGTTCAGTGATGAAGTG GAACCAGCAACACCTGAAGAAGGGGAACCA

ATGCGGCCCGAGCAGTTCAGTGATGAAGTG ATGCGGCCCGAGCAGTTCAGTGATGAAGTG ATGCGGCCCGAGCAGTTCAGTGATGAAGTG

m	· (~	m	m	m	m
CAGGAACAGGGTCACCCACAGACTGGGTGT	CAGGAACAGGGTCACCCACAGACTGGGTGT	CAGGAACAGGGTCACCCACAGACTGGGTGT	CAGGAACAGGGTCACCCACAGACTGGGTGT	CAGGAACAGGGTCACCCACAGACTGGGTGT	CAGGAACAGGGTCACCCACAGACTGGGTGT
GAGE-1 CAGGAGGGAAGGATGAGGAGCATCTGCA GGTCAAGGCCGAAGCCTGAAGCTTGATAGC CAGGAACAGGGTCACCACAGAATTGGGTGTT	GAGE-2 CAGGAGGGAGGATGAGGGAGCATCTGCA GGTCAAGGCCCGAAGCCTGAAGCTTGATAGC CAGGAACAGGGTCACCCACAAAAAAAAAA	GAGE-3 CAGGAGGAGGAGGATGAGGGAGCATCTGCA GGTCAAGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCACCCAAGACTGGTTTT	GAGE-4 CAGGAGGAGGAGGAGGAGGAGCATCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCACCACAGACTGGGTGT 3	GAGE-5 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCACACAGACTGGGTCT 3	GAGE-6 [CAGGAGGAGGAGGATGAGGAGCATCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCACCCACAGACTGGGTT
CAGGAGGAGGATGAGGGAGCATCTGCA	CAGGAGGGAGGATGAGGGAGCATCTGCA	CAGGAGGGAGGATGAGGGAGCATCTGCA	CAGGAGGGAGGATGAGGGAGCATCTGCA	CAGGAGGGAGGATGAGGGAGCATCTGCA	CAGGAGGGAGGGATGAGGGAGCATCTGCA
GAGE-1	GAGE-2	GAGE-3	GAGE-4	GAGE-5	GAGE-6

ATGCGGCCCGAGCAGTTCAGTGATGAAGTG GAACCAGCAACACCTGAAGAAGGGGAACCA GCAACTCAACGTCAGGATCTGCAGCTGCCT

ATGCGGCCCGAGCAGTTCAGTGATGAAGTG

GAACCAGCAACACCTGAAGAAGGGGAACCA GAACCAGCAACACTGAAGAAGGGGAACCA GAACCAGCAACACTGAAGAAGGGGAACCA

GAACCAGCAACACCTGAAGAAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCTT

CAGGAACAGGTCACCACAGACTGGGT CAGGAACAGGGTCACCCACAGACTGGGT CAGGAACAGGGTCACCCACAGACTGGGT CAGGAACAGGGTCACCCACAGACTGGGTC CAGGAACAGGGTCACCCACAGACTGGGTC	GGTCAAGGGCCGAAGCTGAAGCTGATAGCGGGTCAAGGGCGGATAGCGGGTCAAGGGCCCGAAGCCTGAAGCTGATAGCGGTCAAGGCCGAAGCCTGAAGCTGATAGCGGTCAAGGCCGAAGCCTGAAGCTGATAGCGGTCAAGGCCGAAGCCTGAAGCTGATAGC	6A6B-3 CAGGAGGGAGGGATGAGGGATGAGGGATGAGGATGAGGGCGAAGCCTGAAGCTGATAGC CAGGAACAGGGTCACCCACACAGAGGTGGGTGGGTGGGGGGGG	GAGE-3 GAGE-4 GAGE-5 GAGE-5
CAGGAACAGGGTCACCACAGACTGGGTC	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAGGAGGATGAGGGAGCATCTGCA	GAGE-5
CAGGAACAGGGTCACCACAGACTGGGTC	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAGGGAGGATGAGGGAGCATCTGCA	GAGE-4
CAGGAACAGGGTCACCCACAGACTGGGTG	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAGGGAGGATGAGGGAGCATCTGCA	GAGE-3
CAGGAACAGGGTCACCCACAGACTGGGTC	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	GAGE-2 CAGGAGGGAGGATGAGGGAGCATCTGCA GGTCAAGGGCCGAAGCCTGAAGCTTDATAGC CAGGAACAGGGTCACCACAACAACAACTGGGTG	GAGE-2
CAGGAACAGGGTCACCACAGACTGGGTC	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	GAGE-1 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTCAAGGGCCGAAGCCTGAAGCTTGATAGC CAGGAACAGGGTCACCCACAGAGTG	GAGE-1

FIG. 4B

		5/8		
	W 4 4 4 4 4	44444	24444	222229
	AFGGACCCCCCAAATCCAGAGGAGAAA ACGCCTGAAGAAGAAGACTCAGCTATATATGACCCCCAAATCAGGAGGAGGTGAAA ACGCCTGAAGAAG———————————————————————————	сваласствоствалататслал	TOGORIGHGANGCOANTCRCAGTGTTRAA AGAAGACATGGAAATGTTGCAGGCTGCTGTGAAAGCCAATCACAGTGTAAA AGAAGCAGGTTGAAATGATGCAGGCTGCT	GRADARARARA GRADARARARA GRADARARARA GRADARARARA GRADARARARARA PRARARARARARA
	ATGBACCCGCCAAATCCAGAGGAGGTGAAA ATGGACCCGCCAAATCCAGAGGAGGTGAAA ATGGACCCGCCAAATCCAGAGGAGGTGAAA ATGGACCCGCCAAATCCAGAGGAGGTGAAA ATGGACCCGCCAAATCCAGAGGAGGTGAAA ATGGACCCGCCAAATCCAGAGGAGGTGAAA	GTTGCCCAGACTGGGATTCTCTGGCTTTTA ATGAACAATTGCTTCTTAAATCTTTCCCCA CGGAAACCTTGGAGTGACTGAAATGAAA	TGGCATGTGAAGGCCAATCACAGTGTTAAAGTGAAJAAGCAATCACAGTGTJAAA	TCCCAATAAAGCTTTACAGCCTTCTGCAAA TCCCAATAAAGCTTTACAGCCTTCTGCAAA TCCCAATAAAGCTTTACAGCCTTCTGCAAA TCCCAATAAAGCTTTACAGCCTTCTGCAAA TCCCAATAAAGCTTTACAGCCTTCTGCAAA
VDE 24	GAGTETGAAGATGGTCCTGATGGGCAGGAG GAGTETGAAGATGGTCCTGATGGGCAGGA GAGTETGAAGATGGTCCTGATGGGCAGGAG GAGTETGAAGATGGTCCTGATGGGCAGGAG GAGTGTGAAGATGGTCCTGATGGGCAGGAG	GTTGCCCAGACTGGGATTCTCTGGGCTTTTA	GGCGAGAGACCGTTTAGTTCCTATCATCTG TGGCATGTGAACGCAATCACAGTGTTAAA GTGAAAAGCAATCACAGTGTDAAA GTGAAAAGCCAATCACAGTGTDAAA GTGAAAAGCAATCACAGTGTDAAA GTGAAAAGCAATCACAGTGTDAAA GTGAAAAGCAATCACAGTGTDAAA	CCTATGTTGGAAAHTTGTTCATTJGAAGITTC CCTATGTTGGAAAHTTGTTCATTJAAAHTTC CCTATGTTGGAAAHTTGTTCATTJAAAHTTC CCTATGTTGGAAAHTTGTTCATTJAAAHTTC CCTATGTTGGAAAHTTGTTCATTJAAAHTTC CCTATGTTGGAAAHTTGTTCATTJAAAHTTC
	GAGE-1 GAGE-2 GAGE-3 GAGE-4 GAGE-5	GAGE-1 GAGE-2 GAGE-3 GAGE-4 GAGE-5 GAGE-5	GAGE-1 GAGE-2 GAGE-3 GAGE-4 GAGE-5	GAGE-1 GAGE-2 GAGE-3 GAGE-4 GAGE-5

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TOBILLO DILLIBLED

FIG. 5

Antigenic Peptide

RODPAAAOEGEDEGASAGOGPKPEA RODPAAAOEGEDEGASAGOGPKPEA RODPAAQEGEDEGASAGOGPKPEA RODPAAQEGEDEGASAGOGPKPEA RODPAAAOEGEDEGASAGOGPKPEA RODPAAAQEGEDEGASAGOGPKPEA GPMRPEQFSDEVEPATPEEGEPATO GPMRPEQFSDEVEPATPEEGEPATO GPMRPEQFSDEVEPATPEEGEPATO GPMRPEOFSDEVEPATPEEGEPATO GPMRPEQFSDEVEPATPEEGEPATO GPMRPEQFSDEVEPATPEEGEPATQ ARPRPRAY/VEPPEMI YMPRPRRYVOPPEVI YWPRPRRYVOPPEMI WPRPRRYVOPPEVI VRPRPRRYMEPPEMI YMPRPRRYVQPPEK MS-WRGRST MILS MS-W GAGE-1 GAGE-2 3AGE-6 GAGE-3 GAGE-4 GAGE-5

FIG. 6

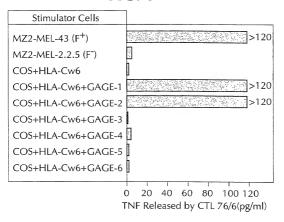
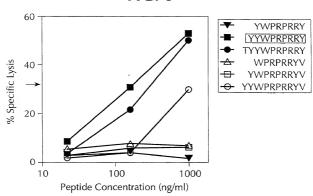
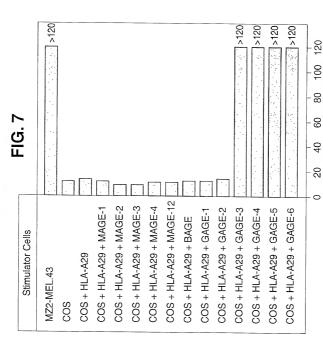


FIG. 8





TNF Released by CTL 76/6(pg/ml)